Analytics Labs CT
1 Hartford Square, Suite # 230
NEW BRITAIN, CT 06052

(860) 925-5227
https://myanalyticslabs.com/
Lic# ACTL.0000005

Certificate of Analysis

FIZZ-ORAN-299 5mg

BioTrack Lot ID: 0

Sample ID: 2609ANSCT1256-8060
Strain: Fizz Orange Soda
Ingestible, Beverage, , , ,

Completed: 09/29/2026
Expiration: 09/29/2027

Client
Black Hog Brewing
Lic. #
115 Hurley Rd
Oxford, CT 06478

Sample Size: 2 units
COC #: 2609ANSCT1256; Number of Servings: ; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	09/25/2026	Complete
Residual Solvents	09/25/2026	Pass
Microbials	09/24/2026	Pass
Mycotoxins	09/25/2026	Pass
Pesticides	09/25/2026	Pass
Heavy Metals	09/25/2026	Pass

Cannabinoids

Complete

4.963 mg/serving	ND	4.963 mg/serving
Total Active THC	Total Active CBD	Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	mg/serving	mg/serving	mg/serving	mg/mL	
THCa	0.09585	0.35500	ND	ND	
Δ9-THC	0.10650	0.35500	4.96	0.014	
Δ8-THC	0.16685	0.35500	ND	ND	
THCVa	0.04970	0.35500	ND	ND	
THCV	0.09585	0.35500	ND	ND	
CBDa	0.05325	0.35500	ND	ND	
CBD	0.05325	0.35500	ND	ND	
CBDVa	0.04615	0.35500	ND	ND	
CBDV	0.03195	0.35500	ND	ND	
CBNa	0.25915	0.35500	ND	ND	
CBN	0.08520	0.35500	ND	ND	
CBGa	0.09585	0.35500	ND	ND	
CBG	0.14555	0.35500	ND	ND	
CBCa	0.19880	0.35500	ND	ND	
CBC	0.14910	0.35500	ND	ND	
CBL	0.24495	0.35500	ND	ND	
CBT	0.08875	0.35500	ND	ND	
Total Available THC			**4.96**	**0.01**	
Total Active THC			**4.96**	**0.01**	
Total Available CBD			**ND**	**ND**	
Total Active CBD			**ND**	**ND**	
Total Available Cannabinoids			**4.96**	**0.01**	
Total Active Cannabinoids			**4.96**	**0.01**	

Entered by: 005; Instrument ID: 2; Date Tested: 09/25/2026; 1 mL = 1g. 1 servings per container. Serving Weight: 355.00 grams.
Cannabinoids analyzed per CT-SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = D9-THC + THCA. Total Active THC = D9-THC + (THCA0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD +(CBDA0.877). Total Active Cannabinoids = THCA0.877+ d9 THC+ d8 THC+ THCVA0.867+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVA 0.867+ CBNA0.876+ CBN + CBGA0.0.878+ CBG + CBCA*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids. Calculated percentage by dry weight.

Ryan Picard
Lab Director
09/29/2026

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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPB	PPB	
Abamectin	0.0270	5.0	300.00	ND	Pass
Acephate	0.0130	5.0	5000.00	ND	Pass
Acequinocyl	0.0100	5.0	4000.00	ND	Pass
Acetamiprid	0.0110	5.0	5000.00	ND	Pass
Aldicarb	0.0130	5.0	100.00	ND	Pass
Azoxystrobin	0.0210	5.0	40000.00	ND	Pass
Bifenazate	0.0270	5.0	5000.00	ND	Pass
Bifenthrin	0.0280	5.0	500.00	ND	Pass
Boscalid	0.0110	5.0	10000.00	ND	Pass
Captan	0.0900	5.0	5000.00	ND	Pass
Carbaryl	0.0110	5.0	500.00	ND	Pass
Carbofuran	0.0130	5.0	100.00	ND	Pass
Chlorantraniliprole	0.0120	5.0	40000.00	ND	Pass
Chlordane	0.0320	5.0	100.00	ND	Pass
Chlorfenapyr	0.0280	5.0	100.00	ND	Pass
Chlorpyrifos	0.0270	5.0	100.00	ND	Pass
Clofentezine	0.0120	5.0	500.00	ND	Pass
Coumaphos	0.0090	5.0	100.00	ND	Pass
Cyfluthrin	0.0170	5.0	1000.00	ND	Pass
Cypermethrin	0.0230	5.0	1000.00	ND	Pass
Daminozide	0.0100	5.0	100.00	ND	Pass
DDVP	0.0120	5.0	100.00	ND	Pass
Diazinon	0.0050	5.0	200.00	ND	Pass
Dimethoate	0.0090	5.0	100.00	ND	Pass
Dimethomorph	0.0140	5.0	20000.00	ND	Pass
Ethoprophos	0.0160	5.0	100.00	ND	Pass
Etofenprox	0.0270	5.0	100.00	ND	Pass
Etoxazole	0.0200	5.0	1500.00	ND	Pass
Fenhexamid	0.0250	5.0	10000.00	ND	Pass
Fenoxycarb	0.0160	5.0	100.00	ND	Pass
Fenpyroximate	0.0290	5.0	2000.00	ND	Pass
Fipronil	0.0190	5.0	100.00	ND	Pass
Flonicamid	0.0130	5.0	2000.00	ND	Pass

Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPB	PPB	
Fludioxonil	0.0220	5.0	30000.00	ND	Pass
Hexythiazox	0.0150	5.0	2000.00	ND	Pass
Imazalil	0.0120	5.0	100.00	ND	Pass
Imidacloprid	0.0110	5.0	3000.00	ND	Pass
Kresoxim Methyl	0.0150	5.0	1000.00	ND	Pass
Malathion	0.0180	5.0	5000.00	ND	Pass
Metalaxyl	0.0160	5.0	15000.00	ND	Pass
Methiocarb	0.0180	5.0	100.00	ND	Pass
Methomyl	0.0110	5.0	100.00	ND	Pass
Methyl Parathion	0.0080	5.0	100.00	ND	Pass
Mevinphos	0.0080	5.0	100.00	ND	Pass
Myclobutanil	0.0170	5.0	9000.00	ND	Pass
Naled	0.0110	5.0	500.00	ND	Pass
Oxamyl	0.0110	5.0	200.00	ND	Pass
Paclobutrazol	0.0190	5.0	100.00	ND	Pass
Pentachloronitrobenzene	0.0160	5.0	200.00	ND	Pass
Permethrin	0.0230	5.0	20000.00	ND	Pass
Phosmet	0.0100	5.0	200.00	ND	Pass
Piperonyl Butoxide	0.0200	5.0	8000.00	ND	Pass
Prallethrin	0.0150	5.0	4000.00	ND	Pass
Propiconazole	0.0100	5.0	20000.00	ND	Pass
Pyrethrins	0.0100	5.0	1000.00	ND	Pass
Pyridaben	0.0240	5.0	3000.00	ND	Pass
Spinetoram	0.0190	5.0	3000.00	ND	Pass
Spinosad	0.0150	5.0	3000.00	ND	Pass
Spiromesifen	0.0190	5.0	12000.00	ND	Pass
Spirotetramat	0.0130	5.0	13000.00	ND	Pass
Spiroxamine	0.0110	5.0	100.00	ND	Pass
Tebuconazole	0.0230	5.0	2000.00	ND	Pass
Thiacloprid	0.0120	5.0	100.00	ND	Pass
Thiamethoxam	0.0080	5.0	4500.00	ND	Pass
Trifloxystrobin	0.0230	5.0	30000.00	ND	Pass

Qualifiers: C-01,L-01,MS-03
Entered by: 020
Instrument ID 1: LCMS-1
Instrument ID 2: 0
Date Tested (LC): 09/25/2026
Date Tested (GC):
LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Pesticides analyzed per CT-SOP-008.

Ryan Picard
Lab Director
09/29/2026

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Microbials

Pass

Analyte	Limit	Results	Qualifiers	Status
	CFU/g	CFU/g		
Total Viable Aerobic Bacteria	100000	400		Pass
Total Yeast & Mold	100000	<100		Pass
E. coli	Not Detected in 1g	Not Detected		Pass
Listeria monocytogenes	Not Detected in 1g	Not Detected		Pass
Salmonella	Not Detected in 1g	Not Detected		Pass
Shiga Toxin E. Coli	Not Detected in 1g	Not Detected		Pass

Entered by: 022/023
Instrument ID: PCR-1
Date Tested: 09/24/2026
Plating of Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, Total Coliforms, Total Yeast & Mold and Listeria are analyzed per CT-SOP-006. Shiga Toxin-Producing Escherichia coli and Salmonella spp. are analyzed per CT-SOP-007. Aspergillus spp. are analyzed per CT-SOP-014. Viruses are analyzed per SOP-013, and not ISO accredited.
NR = Not Reported, NT = Not Tested, TNTC =Too Numerous To Count.

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
B1	0.0	1.0	20.0	ND		Pass
B2	0.0	1.0	20.0	ND		Pass
G1	0.0	1.0	20.0	ND		Pass
G2	0.0	1.0	20.0	ND		Pass
Ochratoxin A	0.0	1.0	20.0	ND		Pass

Qualifiers: C-01,L-01,MS-03
Entered by: 020
Instrument ID: LCMS-1
Date Tested: 09/24/2026
LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed per CT-SOP-008.

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.236	0.500	500.000	ND		Pass
Cadmium	0.115	0.500	1500.000	ND		Pass
Chromium	0.216	1.000	2000.000	ND		Pass
Lead	0.088	1.000	3000.000	ND		Pass
Mercury	0.188	0.250	500.000	ND		Pass

Entered by: 015
Instrument ID: ICPMS-2
Date Tested: 09/24/2026
LOD = Limit of Detection. LOQ = Limit of Quantitation. Heavy Metals analyzed per CT-SOP-005

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09/29/2026

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Sample Size: 2 units
COC #: 2609ANSCT1256; Number of Servings: ; Sample Condition: Intact;

Residual Solvents

Pass

Analyte	LOQ	Limit	Results	Status	Qualifiers
	PPM	PPM	PPM		
Acetone	50.000	1000.000	ND	Pass	
Ethanol	50.000	5000.000	1358.658	Pass	
Ethyl-Acetate	50.000	1000.000	ND	Pass	
Ethyl-Ether	50.000	1000.000	ND	Pass	
Ethyl-Formate	50.000	1000.000	ND	Pass	
Heptane	50.000	1000.000	ND	Pass	
Isobutane	50.000	1000.000	ND	Pass	
Isobutyl-Acetate	50.000	1000.000	ND	Pass	
Isopropyl-Acetate	50.000	1000.000	ND	Pass	
n-Butane	50.000	1000.000	ND	Pass	
n-Pentane	50.000	1000.000	ND	Pass	
Propane	50.000	1000.000	ND	Pass	
Tert-Butyl-Methyl-Ether	50.000	1000.000	ND	Pass	
Total Solvents		5000.000	1358.658	Pass	

Entered by: 021
Instrument ID: GC-1
Date Tested: 09/25/2026
LOQ = Limit of Quantitation, ND = Not Detected. Residual Solvents analyzed per CT-SOP-011, Acetonitrile, Methanol, Toluene, Xylene, Hexane outside of ISO scope.

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